

KHOIYREVA, M.A.

Permeability of the skin to Pu²³⁹. Med. rad. 10 no.10:
42-46 O '65. (MIRA 18:12)

1. Submitted December 25, 1963.

I 24234-66 EWT(m)
ACC NR: AP6014670

SOURCE CODE: UR/0241/65/010/010/0042/0046

AUTHOR: Khodyreva, M. A.

ORG: none

TITLE: Penetration of Pu sup 239 through the skin

SOURCE: Meditsinskaya radiologiya, v. 10, no. 10, 1965, 42-46

TOPIC TAGS: plutonium compound, rabbit, radiology, animal physiology

ABSTRACT: In view of the recent discovery that many radioactive substances are absorbed by the organism directly through the uninjured skin, the author experimentally investigated the absorption of plutonium nitrate (pH - 3.0) via the skin of mammals (15 adult rabbits weighing from 2.5 to 3 kg) by applying a solution of the nitrate salt of plutonium to a shaved area (lateral section of the dorsum) of the animals' skin at the rate of 0.4 microcuries per cm² (first group of animals) and 4 microcuries per cm² (second group), with subsequent radioautographic determination of radioactivity of the blood at regular intervals over a period of 10 days. On the 14th day the animals were sacrificed and the Pu²³⁹ content of the individual organs was determined in their suspensions. Activity was detected in the blood as early as one hour after application of the solution, and it increased with time, in direct proportion to the amount of radioactive isotope applied to the skin, until the 5th or 6th day when, owing to the deposition of the isotope in the organs and tissues, as well as owing

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UDC: 612.791.014.482:546.799.4

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ACC NR: AP6014670

to its partial elimination from the organism, the activity of the blood fell. On dissection it was found that most (as much as 70%) of the isotope had deposited in the osseous tissue. Further, the amount of Pu²³⁹ found in the organs of animals of group 1 was only a fraction as high as that found in the organs of animals of group 2. Over the period of the experiment no significant changes were observed in the skin. The general condition of the animals remained satisfactory, and the weight remained normal except for a few cases where it began to decrease toward the end of the experiment. These findings confirm that skin represents one of the possible pathways of penetration of radioactive substances in the form of soluble compounds, particularly of Pu²³⁹, into the organism. Orig. art. has: 2 tables. [JPRS]

SUB CODE: O / SUBM DATE: 25Dec63 / CRIG REF: 006 / OTH REF: 003

Card 2/2 *4do*

PETYUNIN, P.A.; KHODYREVA, M.S.

Chemical structure and biological activity in the series of
amides of some carboxylic acids. Zhur. ob. khim. 33 no.3:755-761
Mr '63. (MIRA 16:3)

1. Permskiy farmatsevticheskiy institut.
(Amides—Therapeutic use)

KHODYREVA, V. M.

37162. O minimalnom svyazivshe kruga. Doklady akad. NaukSSSR, Novaya Seriya,
t. LXXI, No. 5, 1949, s. 615-18

SO: Letopis' Zhurnal'nykh Statey, Vol 7, 1949

ZHAVORONKIN, A. (Moskva); MALYUKOV, I.; KHODYREVA, Ye.

Improve the shoe trade. Sov.torg. no.2:31-34 F '59.

(MIRA 12:2)

1. Direktor magazina No.6 Mosobuv'torga (for Malyukov). 2. Direktor
Sverdlovskogo obuv'torga (for Khodyreva).
(Shoe industry) (Retail trade)

AUTHORS: Komissarova, G.N., and Khodyuk, A.G. SOV-3-58-8-18/26

TITLE: International Connections of the Higher School (Mezhdunarodnyye svyazi vysshey shkoly). In a Brotherly Family (V bratskoy sem'ye)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 8, pp 72 - 73 (USSR)

ABSTRACT: Thousands of boys and girls from foreign countries are receiving their education in the USSR. A considerable number of them are being taught at the Leningrad Technological Institute imeni Lensoviet. The authors give a report on the life and work of these students amidst their Soviet colleagues. They describe how the foreign students are being invited to participate in the scientific and social life of the vuz, how they are assisted in learning the Russian language, and their interest in Russian classical and Soviet literature.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut imeni Lensoveta (Leningrad Technological Institute imeni Lensoviet)

Card 1/1

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722120019-7

KHODIUKOV, fnu. Vet.

Balykchin Interraiion Veterinary Bacteriological Laboratory, Kirgiz SSR.

"Poisoning of sheep with the desert ephedra."

SO: Veterinariia 28(12), 1951, p. 38.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722120019-7"

KHODYUSH, L. Ya.

35931

novyye mineral y v gal'kakh konglomeratov nizhnego otdela
krivvorozhskoy svity. nauch. zapiski (dnepropetr. gos. un-t).
T. XXXI, 1948, S. 27-32

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

KHODYUSH, I. YA.

35932 stvazheniya burogo zhele znyaka v tolshche zelenokamennykh
porod krivogo roga. nauch. zapiski (dnepropetr. gos. un-t),
T. XXXI, 1948, S. 33-35

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

Khodgush, L. Ya.

✓ Contact phenomena between metabasites and the rocks of the lower section of the Krivoy Rog complex. L. Ya. Khodgush. Doklady Akad. Nauk S.S.R. 104, 903-5 (1955).— The lower horizons of the Krivoy Rog complex are characterized by metamorphic clastic quartzites, sandstones, etc., usually called "arkoses," with a feldspar content of less than about 8%, and with a sericitic-quartz cement matrix. Below these arkoses are granites, gneisses, and "greenstones" — metabasites (the "epidiorites of Tanatar," 1938). On contact with the "arkoses," the metabasites show a very characteristic transition of hornblende to biotite, and a later assemblage of the dark mica. In the sediments appears a green biotite, and garnet (with optical anomalies, $\alpha = 1.797$ to 1.810, a common almandine-grossularite-andradite). These two minerals are observed only in the contact zones. Assimilation pebbles of quartzites in the metabasites are often surrounded by a reaction rim of greenish biotite, and show a change of sericite to biotite. The chem. analysis of such a hybrid rock with zonoliths shows SiO_2 67.6; Al_2O_3 17.3; TiO_2 1.1; Fe_2O_3 3.5; FeO 1.2; CaO 3.1; MgO 0.8; alkalies 1.2; ignition loss 3.8%. Apophyses of the metabasite swarm into the metamorphic sandstone in the Kaganovich Mine. The normal rocks are fine-cryst., consisting of albite, hornblende, biotite, sphene, and ilmenite; the hybrid contact products show more the type of cryst. schists, with the garnets described above. These facts emphasize the necessity for a revision of the current opinions on the effusive character of the metabasites in the Krivoy Rog complex. W. R.

KHODYUSH, L. Ya.

The so-called arenaceous conglomerate stratum of Krivoy Rog Basin.
Geol. zhur. 16 no. 4: 61-67 '56. (MLRA 10:2)
(Krivoy Rog Basin--Conglomerate)

KHODYUSH, L.Ya.

Some data on martite in iron ores of the Belozerka iron-ore deposit. Min. sbor. no.15:336-338 '61. (MIRA 15:6)

1. Gosudarstvennyy universitet, Dnepropetrovsk.
(Belozerka region (Zaporozh'ye Province)---Iron ores)
(Belozerka region(Zaporozh'ye Province---Martite)

KHODYUSH, L.Ya.

Martite and martite ores of the South Belozerka iron-ore deposit.
Geol. zhur. 22 no. 4:11-25 '62. (MIRA 15:9)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut geologii.
(Belozerka region (Zaporozh'ye Province)—Martite)
(Belozerka region (Zaporozh'ye Province)—Iron ores)

KHODYUSH, L.Ya.

Sideroplesite from ferroquartzites of the Balakarskoye iron ore deposit.
Dokl. AN SSSR 146 no. 5:1184-1187 S '62. (MIRA 15:10)

1. Nauchno-issledovatel'skiy institut geologii pri Dnepropetrovskom
gosudarstvennom universitete. Predstavлено akademikom N.M.Strakhovym.
(Ukraine—Sideroplesite)

KHODY-ZADE, M. KH.

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42397.

Author : Meshcheryakova, A. V.; Slutskiy, M. Ye.; Khody-Zade, M. Kh.; Kechker, M. I.

* Inst : Not Given.

Title : Euphylline in the Therapy of Coronary Insufficiency.

Orig Pub: Terapevt. arkhiv, 1957, 29, No 11, 14-23.

Abstract: The status of the circulation and of the contractile function of the myocardium under the action of euphylline (I) therapy was investigated in 55 patients with chronic coronary insufficiency. Because of side-effects I therapy had to be discontinued in 17 patients. In 14 patients, injection of I decreased the frequency of attacks of angina, the intensity and duration of the anginal pains and produced improvement in the objective findings.

* Ex: KAFDOR 1-й терапии, KAFDOR 2-й терапии, i KAFDOR 3-й терапии

Card 1/2

~~TSERTRANOGO INSTITUTA OSOBOZREHENIYU VIZHNEVY~~

KHODY-ZADE, M. KH.

COUNTRY : USSR V
 CATEGORY : Pharmacology and Toxicology. Cardiovascular Agents
 ABS. JOUR. : RZhBiol., No. 1 1959, No. 4585
 AUTHOR : Vovsi, M. S.; Karpman, V. L.; Khody-Zade, M. Kh.
 INST. : -
 TITLE : On the Pharmacodynamics of Nitroglycerin
 ORIG. PUB. : Terapevt. arkhiv, 1958, 30, No 1, 3-9
 ABSTRACT : 16 healthy and 63 individuals affected with stenocardia were examined by the method of dynamocardiography. Dynamocardiograms were recorded after 5 minutes of rest and 1, 2, 5, and 10 minutes following administration of 2 drops of 1% alcoholic solution of nitroglycerin (N). Observations showed that under the effect of N the duration of the phase of isometric contraction

CARD: 1/3

27

COUNTRY :
 CATEGORY :

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120019-7"
 ABS. JOUR. : RZhBiol., No. 1 1959, No. 4585

AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT : cont'd. and expulsion of blood from the ventricles is shortened and that in healthy persons these changes correspond to the degree of increase of frequency of tachycardia, while in sick individuals the duration of isometric contraction is comparatively prolonged. The changes of the duration of phases show that under the influence of N cardiac muscle begins to execute greater work than at rest. In healthy persons, this is expressed by an increase of the stroke volume,

CARD: 2/3

COUNTRY :
 CATEGORY :

V

S/203/62/002/001/013/019
I023/I223

Investigation of anomalous radiowave...

increased type II absorption move along the Earth's surface in accordance with spiral-isochrones of solar particles precipitation. These phenomena were observed on days of high and medium levels of disturbance. Only during one flight on a highly disturbed day was a second polar zone of absorption observed. On quieter days (magnetic and ionospheric) up to 85°N, the ionosphere was not disturbed. There are 1 table and 3 figures. X

ASSOCIATION: Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut (Arctic and Antarctic Research Institute)

SUBMITTED: September 13, 1961.

Card 2/2

KHODZHA-AKHMEDOV, Ch.L.

Study of the anomalous absorption of radio waves with the aid of
a flying ionospheric station. Geomag.i aer. 2 no.1:114-120
Ja-F '62.
(MIRA 15:11)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy
institut.
(Ionospheric radio wave propagation)

L1h472-65 RPT/EM/EMC/X-2/EMC(v)/FCC/EEC-L/EEC/1: XA - D.
Soviet Radiotekhnika, v. 7, no. 3, 1964. ACT 2-1964
Accession Date: 5/14/64

AUTHOR: Khodzha-Akhmedov, Ch. L.

TITLE: Riometer operating at two frequencies for the measurement of ionospheric absorption 2m

SOURCE: IVJZ. Radiotekhnika, v. 7, no. 3, 1964, 381-387

TOPIC TAGS: riometer, ionospheric absorption, ionosphere attenuation, ionospheric radio signal, ionospheric absorption, riometer, self-call, servosystem

ABSTRACT: A description is given of a riometer, a self-call radiotelephone device using a servosystem which operates on two frequencies, one of which it is possible to determine the variation of ionospheric radio signal attenuation, the altitudes of cosmic noise absorption regions, and the contribution of individual ionospheric layers to total cosmic noise. The specifications of the instrument are as follows: tuning signal frequency — 36 and 37 MHz; antenna — 4-element Yagi antenna; antenna switching frequency — 10 times per second; input impedance — 75 ohm (at each frequency).

Card 1/3

14472-65

ACCESSION NR: AP4042856

receiver amplification prior to detector output — 2×10^4 ; receiver noise figure (at 1.3 x 10¹⁰ Hz) — 1.5; receiver noise figure (at 3.2 x 10¹⁰ Hz) — 1.3; receiver noise figure (at 4.8 x 10¹⁰ Hz) — 1.2; receiver — 5 Mc, band; first intermediate frequency — 30 Mc, band; second intermediate frequency — 10 Mc, bandwidth at level 0.7 of second intermediate frequency — 10 Kc; amplification of switching frequency amplifier — 75; bandwidth at level 0.7 of switching frequency amplifier — 80 Kc; amplification of d-c amplifier — 33; total voltage amplification of the device — 5×10^{10} at 36 Mc; 3.2×10^{10} at 48.5 Mc; time constant of the entire device — from 1 to 15 sec; dynamic range (at constant amplification) — 15db; recording device — the N-370 M; the design of the supply unit is based on standard rectifier UTP-1. Tests under laboratory and field conditions have demonstrated that the device can maintain a signal-to-noise ratio of 10 db over a frequency range of 10-100 Mc, and that further measures could increase it to 15 db. 0.05-0.1 db. (fig. art. has: 1 figure.

ASSOCIATION: none

Card 2/3

14472-5
ACCESSION NR: AP4042856

SUBMITTED: 04 Jun 63

ENCL: 00

SUBMITTED: 04 Jun 63

NO REF Sov: 003

OTHER: 004

Card 3/3

L-48334-65 FBD/EAT(1)/EBC(t+)//200-4/EBC(t+) P₀ = 5' P₂₀ = 5' E₁ = 1

AGGRESSION AT AGE 11

AUTHOR: Khoizha-Akhmedov, Sh. I.

TITLE: Frequency dependence of the cosmic noise level during type III absorption

SOURCE: Geomagnetism and aeronomics, v. 5, no. 2, 1965, p. 151.

TOPIC TAGS: radio wave absorption, cosmic noise level, cosmic rays

ABSTRACT: The frequency dependence of the cosmic noise level in radio wave bands has been studied.

ASSOCIATION: Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy
Arctic and Antarctic Scientific Research Institute

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722120019-7

L 48334-65
ACCESSION NR: AP5010279

SUBMITTED: 27May04

ENCL: 00

SUB CODE: AA

NO REF Sov 001

OTHER: 002

AM 1000

C-12/2

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722120019-7"

KAPUSTIN, B.N., glav. inzh.; GVOZDEV, T.T., glav. inzh.; GRIGOROVICH, V.D., inzh.; KONDRAZHENKO, A.A., inzh.; ABADEYEV, Yu.A., inzh.; RYADNOV, A.A., inzh.; YEGORYCHEV, V.P., inzh.; SHMEL'KIN, B.A., inzh.; MARSHUTIN, S.F., inzh.; KHODZHABARONOV, K.G., inzh.; FEDOSOVA, Ye.M., tekhnik; OSIN, V.I., tekhnik; SEMENOVA, Ye.P., tekhnik; AVSARAGOVA, G.A., tekhnik; PASHKEVYEV, D.A., inzh.; KAFUSTIN, V.N., inzh.; NAGOROV, L.A., inzh.; IONOV, I.T., inzh.; KOPEYKINA, L.M., inzh.; TELEPNEVA, T.P., tekhnik; CHAKURIN, Zh.G., tekhnik

[Album of the mechanization of labor-consuming processes in stockbreeding] Al'bom mekhanizatsii trudoemkikh protsessov v zhivotnovodstve. Moskva, Izd-vo Giprosel'khoza. No.4. [Equipment and supplies for the mechanization of labor-consuming processes on livestock farms] Oborudovanie i inventar' dlia mekhanizatsii trudoemkikh protsessov na zhivotnovodcheskikh fermakh. 1959 [cover: 1961. 229] p. (MIRA 15:7)

1. Gosudarstvennyy institut po proyektirovaniyu sel'skokhozyaystvennykh sooruzheniy (for Kapustin, Grigorovich, Kondrashenko, Abadeyev, Ryadnov, Yegorychev, Shmel'kin, Marshutin, Khodzhabaronov, Fedosova, Osin, Semenova, Avsara-gova).

(Continued on next card)

KAPUSTIN, B.N.—(continued). Card 2.

2. Respublikanskiy gosudarstvennyy institut po proyektirovaniyu sovkhognogo stroitel'stva (for Gvozdev, Pashkeyev, Kapustin, V.N., Nagorov, Ionov, Kopeykina, Telepneva, Chakurin).

(Agricultural machinery)

KHODZHA-EYNATOV, A. A.

PA 15/49745

USSR/Electricity
Hydroelectric Plants

Jun 48

"Gyumush Hydroelectric Power Station," A. A. Khodzha-Eynatov, Engr, 1 p

"Gidrotekh Stroi" No 6

Gyumush is unique among USSR hydroelectric power stations as it is independent of fluctuations in river level, due to utilization of Lake Sevan. Describes its main features and duties.

15/49745

1. KHODZHA-TEYNATÖV, A. A., Eng.
2. USSR (600)
4. Concrete
7. New type of hydrotechnical concrete. Gidr.stroi., 21, no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KHODZHA-EYNATOV, A., inzh.

Mechanization of plastering operations. Prom.Arm. 4 no.4:27-28
Ap '61. (MIRA 14:6)

(Plastering)
(Building machinery)

KHODZHAKULIYEV, G.K.; AKHUNDOV, A.A.; SMORAGDOVA, R.N.

Influenza as a mask for pulmonary tuberculosis. Zdrav. Turk. 4 no.4:
18-21 Jl-Ag '60. (MIRA 13:9)

1. Iz kafedry gospital'noy (zav. - dotsent G.K.Khodzhakuliyev) i
fakul'tetskoy (zav. - dotsent Ye.A. Pletnev) terapii Trukmenskogo
gosudarstvennogo meditsinskogo instituta im. I.V. Stalina i respub-
likanskogo protivotuberkuleznogo dispansera (glav. vrach - F.M.
Ismailov). (INFLUENZA) (TUBERCULOSIS)

KHODZHAKULIYEV, G., dotsent; KAZIMOV, G., dotsent

Twelfth All-Union Conference of Therapeutists. Zdrav.Turk, 5 no.2:
46-47 Mr-Ap '61. (MIRA 14:5)
(THERAPEUTICS—CONGRESSES)

KHODZHAKULIYEV, G.K., dotsent; AKHUNDOV, A.A., assistent; SMORAGDOVA, R.N.

Influenza as a provoking factor in pulmonary tuberculosis. Zdrav.
Turk. 5 no.2:18-21 Mr-Ap '61. (MIRA 14:5)

1. Iz gospital'noy (zav. - dotsent G.K.Khodzhakuliyev) i fakul'tetskoy
(zav. - dotsent Ye.A.Pletnev) terapevticheskikh klinik Turkmenetskogo
gosudarstvennogo meditsinskogo instituta imeni I.V.Stalina i
respublikanskogo protivotuberkuleznogo dispansera (glavvrach - D.M.
Ismailov).

(INFLUENZA)

(TUBERCULOSIS)

KHODZHAKULIYEV, G.K.; ARTAMONOVA, A.G.

Treatment of chronic nonspecific diseases of the lungs. Zdrav.
Turk. 5 no.5:41-43 S-0 '61. (MIRA 14:12)

1. Iz kafedry gospital'noy terapii (zav. - dotsent G.K.Khodzhakuliyev)
Turkmenstogo gosudarstvennogo meditsinskogo instituta imeni I.V.Stalina.

KHODZHAKULIYEV, G.K., dotsent; KAZIMOV, G.A., dotsent

Some problems in teaching hospital therapy. Terap.arkh. no.7:102-
103 Jl '62.
(MIRA 15:8)

1. Iz kafedry gospital'noy terapii Turkmeneskogo meditsinskogo insti-
tuta (Ashkhabad).
(MEDICINE—STUDY AND TEACHING)

KBOLDEHAKULIYEV, S.

Soils of the Ashkhabad Vegetable and Melon Variety Testing Station
and their crop-producing characteristics. Izv. AN Turk.SSR.Ser. biol.
nauk no. 5:29-35 '62.
(MIRA 15:11)

1. Institut pustyn' AN Turkmenakoy SSR.
(ASHKABAD REGION--SOILS--ANALYSIS)

KARTSEV, A.A.; KUDRYAKOV, V.A.; KHODZHAKULIYEV, Ya.A.

Basic characteristics of the hydrodynamics of the northern part of the Kara Kum artesian basin. Dokl. AN SSSR 157 no. 5:1114-1117 Ag '64. (MIRA 17:9)

1. Moskovskiy institut neftekhimicheskoy i gasovoy promyshlennosti im. Gubkina. Predstavлено академиком D.I. Shcherbakovym.

KHODZHAMBERDIYEV, B. I.

KHODZHAMBERDIYEV, B. I. -- "Traumatism in the Kyzyl-Kiy Coal Mine."
Kyzyl-Kiy City Hospital, Osh Oblast. Frunze, 1955.
(Dissertations for the Degree of Candidate in Medical Sciences).

SO: Knizhnaya Letopis', No 9, 1956

.KHODZHAMBERDIYEV, B.I., kand. med. nauk; CHERNOV, S.S., red.;
POPOVA, A.Ya., tekhn. red.

[Prevention of traumatism in the coal industry] Profilak-
tika travmatizma v ugol'noi promyshlennosti. Frunze, Res-
publikanskii dom sanitarnogo prosveshcheniya, 1960. 49 p.
(MIRA 17:3)

KHODZHAKULIYEV, Ya.A.; SHUGRIN, V.P.

Waters of the Mesozoic sediments of the central Kara-Kum arch.
Izv.vys.ucheb.zav.; neft' i gaz 5 no.12:3-7 '62. (MIRA 17:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M.Gubkina.

KHODZHAMIROVA, S. S.

Renal circulation in cardiac insufficiency; preliminary communication.
Ter. arkh., Moskva 25 no.5:63-67 Sept-Oct 1953. (CLML 25:4)

1. Of the Hospital Therapeutic Clinic (Director -- Prof. A. L. Myasnikov),
Active Member AMS USSR), First Moscow Order of Lenin Medical Institute.

KNIZHNAYA LETOPIS', V. 37

NIKOLAI IONOVA, N. S.: "Renal blood circulation in chronic circulatory insufficiency." Moscow Order of Lenin Medical Inst. Moscow, 1955.
(Dissertation for the Degree of Candidate in Medical Sciences).

Source: Knizhnaya Letopis' No. 28 1956 Moscow
"36521"

KNIZHNAYA LETOPIS', NO. 28 1956 MOSCOW

KOGAN, B.B.; KHODZHAMIROVA, V.S.; GULINA, L.A.; ZHDANOV, V.S.

Diabetic glomerulosclerosis. Terap. arkh. 32 no. 3:52-60 Mr '60.
(DIABETES) (KIDNEYS—DISEASES) (MIRA 14:1)

~~KHODZHAMIRYAN, Yu.Ye., inzhener; KHURSHUDYAN, L.M., inzhener.~~

~~Electromechanical relay of the revolutions of hydropower units.
Elek. sta. 24 no.12:50-51 D '53.~~
(MLRA 6:12)
(Dynamics)

KHODZHAMIRYAN, Yu. E.

Subject : USSR/Power Eng AID P - 3525
Card 1/1 Pub. 26 - 19/30
Author : Kanayan, N. Kh. and Yu. E. Khodzhamiryan, Engs.
Title : Testing an automatic ASU-11 synchronizer
Periodical : Elek. sta., 9, 53-55, S 1955
Abstract : Certain design defects found on the ASU-11 synchronizer tested at a hydro-power plant are described. The author contends further research is necessary before large scale manufacturing should be started. Two diagrams.
Institution : None
Submitted : No date

KHOZHAMIYAN, Yu. Ch.
ALIKHANYAN, A.I., inzhener; *KHOZHAMIYAN, Yu.Ye.*, inzhener.

Automatic control of banks of static capacitors. Prom.energ.ll
no.12:25-27 D '56. (MIRA 10:1)

1. Armenenergo.

(Condensers (Electricity)) (Automatic control)

KHODZHAMIRYAN, Yu.Ye.

KANAYAN, N.Kh., inshener; KHODZHAMIRYAN, Yu.Ye., inzhener.

Automatic synchronizer with continuous angle of lead. Elek.sta.
28 no.8:76-7? Ag '57. (MIRA 10:10)
(Electric generators)

KHODZHANETYAN, N.A.

KHODZHANETYAN, N. A. : "The development of speech in students in the process of studying the Russian language and literature in the fifth through seventh classes." Sci Res Inst of Pedagogical Sciences, Min Education Georgian SSR. Tbilisi, 1956. (Dissertations for Degree of Candidate in Pedagogical Sciences).

SO: Knizhnays Letopsis' No. 22, 1956

KHODZHANDIYEV, I.

Concentrate attention on the uncovering of potentials. Fin.SSSR
23 no.5:62-64 My '62. (MIRA 15:5)

1. Nachal'nik otdela finansirovaniya narodnogo khozyaystva
Tashkentskogo gorodskogo finansovogo otdela.
(Tashkent—Industrial management) (Tashkent—Auditing)

BEDEL'RAYEV, A.K.; KHODZHANOV, A.S.

Selecting parameters for stable linear controllable systems. Izv.
AN Kazakh.SSR.Ser.mat.i mekh. no.8:104-113 '59. (MIRA 13:5)
(Automatic control)

KHODZHANOV, A.S.

Active pressure of a loose medium on the walls of a cylindrical
enclosure. Izv.AN Uz.SSR,Ser.tekh.nauk 7 no.2:41-47 '63.

1. Institut mekhaniki AN UzSSR.
(Granular materials)

L 17690-65 EXTR(d)/EFF(n)-2 Fo-4/Pq-4/Pk-4/Pu-4/Pk-4/PI-4
ASST(4) 4-14-14 4-14-14 4-14-14 4-14-14 4-14-14
ACCESSION NO. AET 4-14-14 S/1351/64

AUTHORS: Bedel'bayev, A. K.; Khodzhanov, A. S.

TITLE: Contribution to the mathematical theory of
processes

SOURCE: AN KazSSR. Izvestiya. Seriya fiziko-matematicheskikh
nauk. 1965, No. 1.

TOPIC TAGS: automatic control system; stability; control
theory.

ABSTRACT: The present article is concerned with the problem of stabilizing a control system both with respect to its parameters and with respect to the controlled variable. Whereas earlier papers have concerned themselves with the type of optimization of the system, the present one is concerned with the problem of the synthesis of the system's structure. The method used is the method of the extremal principle.

Card 1/3

L 17680-65

ACCESSION NR: AP4049395

$$\dot{\eta}_i = \sum_{j=1}^n b_{ij} \eta_j + n_i t \quad (i = 1, 2, \dots, n),$$

where b and n are constants, with the b 's depending on "constructive" parameters, η -phase coordinates of the object, its control function (coordinate of the regulating force of the object). It is required to determine the control function from the class of continuous and continuously-differentiable functions and the constructive parameters such that the closed-loop system be not only asymptotically stable but also optimal. The optimization condition is that a certain functional

$$J(t) = \int_0^T [F(\eta) + \frac{1}{2} C_0 U^2 + \frac{1}{2} \dot{U}^2] dt$$

be minimized. Algebraic equations are written out for the constructive parameters and methods of minimizing the functional, using the

Card 2/3

L 17680-65

ACCESSION NR: AP4049395

Lyapunov theorem, are described. A numerical example is given.
Orig. art. has: 24 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, MA

NR REF Sov: 004.

OTHER: 000

Card 3/3

KHODZHANOV, A.S.

Stability of control systems with tachometer feedback, Vest,
All Kazakh SSR 22 no.8-74-76 Ag '65.
(MIRA 18:9)

L 3183-68

ACCESSION NR: AP5013833

UR/0103/65/026/005/0764/0769
62-50

AUTHOR: Bedel'bayev, A. K. (Deceased) (Alma-Ata); Khodzhanov, A. S. (Alma-Ata)

TITLE: On isoperimetric problems of control systems

SOURCE: Avtomatika i telemekhanika, v. 26, no. 5, 1965, 764-769

TOPIC TAGS: automatic control, optimum control, isoperimetric problem

ABSTRACT: The controlled system is described by the system of equations

$$\dot{\eta}_s = \sum_{k=1}^n b_{sk} \eta_k + g_s(t), \quad \eta_s(0) = \eta_s^0 \quad (s = 1, 2, \dots, n), \quad (1)$$

where b_{sk} are given constants, η_k are phase coordinates of the controlled system, and $g_s(t)$ is the control function. From the class of continuous functions $\xi(t)$ constrained by one of conditions

$$\int_0^T \xi^2(t) dt = K_s < \infty \quad (A)$$

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L 3183-66

ACCESSION NR: AP5013833

or

$$\int \dot{\xi}^2(t) dt = K_1 < \infty \quad (B)$$

where K_0 and K_1 are given positive constants, the control function ξ is sought which ensures the asymptotic stability of the controlled system and minimizes the performance functional

$$I = \int_0^T P(\eta) dt, \quad (2)$$

where $P(\eta)$ is a given positive quadratic form. It is shown that equation (1) can be reduced to a canonical form by using the Lur'ye transformation. By applying known variational methods, the Lagrangians for cases (A) and (B) are formed and Euler-Lagrange equations are derived. A system of algebraic equations is derived for calculating the arbitrary constants and the Lagrange multiplier. Finally, the equation in the form of a determinant is derived from which the control function $\xi(t)$ corresponding to asymptotic stability can be determined. Orig. art. has: [IX] 32 formulas.

Contd 2/3

L 3183-66

ACCESSION NR: AP5013833

ASSOCIATION: none

SUBMITTED: 20Apr64

ENCL: 00

SUB CODE:IE,MA

NO REP Sov: 004

OTHER: 000

ATD PRESS: 4017

PC

Cord 3/3

L 26014-66 EWT(d) IJP(c) GS
ACC NR: AT6013426

SOURCE CODE: UR/0000/65/000/000/0134/0141

AUTHORS: Bedel'bayev, A. K. / (decensed); Khodzhanov, A. S.

ORG: none

33

Bx/

TITLE: Analytic design of optimal regulators

SOURCE: AN KazSSR. Sektor matematiki i mekhaniki. Issledovaniya po differentsial'nym uravneniyam i ikh primeneniyu (Research on differential equations and their application). Alma-Ata, Izd-vo Nauka, 1965, 134-141

TOPIC TAGS: optimal control, variational problem, characteristic equation, control system stability, functional equation, motion equation

ABSTRACT: The problem of stability of an optimal control system is supplied by the functional

$$J(t) = \int_0^t [F(\eta) + C] dt.$$

The work is based on a variational problem formulated by A. N. Letov (Analiticheskoye konstruirovaniye reguljatorov. Avtomatika i telemekhanika, Vol. XXI, Nos. 5 and 6, 1960). The equations of motion of the controlled object are

$$\dot{\eta}_s = \sum_{i=1}^n b_{is} \eta_i + n_s; \quad (s = 1, 2, \dots, n).$$

Card 1/2

2

L 26014-66

ACC NR: AT6013426

In the case of

$$\sum u_k - 2C\varphi(u) = 0 \quad (|u| < u^*),$$

the characteristic equation is

$$[\Delta(r^2) - CD(r)D(-r) + \sum_{n=1}^{\infty} \sum_{k=1}^{N_n} a_{nk} N_n(-r) N_k(r)] = 0.$$

Two examples with motion according to the equations

$$\ddot{\varphi} + 14.3 \dot{\varphi} + 115.5 \varphi = -3.54 \psi$$

and

are given for which the conditions of stability are found. Orig. art. has: 49
formulas and 1 figure.

SUB CODE: 12 / SUBM DATE: 23Jun65 / ORIG REF: 003

Card 2/2

L 26013-66 EWT(d) IJP(c) GS

ACC NR: AT6013427

SOURCE CODE: UR/0000/65/000/000/0172/0175

AUTHOR: Khodzhanov, A. S.

ORG: none

29

371

TITLE: Simplified stability criteria for controlled systems with tachometric feedback

SOURCE: AN KazSSR. Sektor matematiki i mekhaniki. Issledovaniya po differential'nym uravneniyam i ikh primeneniyu (Research on differential equations and their application). Alma-Ata, Izd-vo Nauka, 1965, 172-175

TOPIC TAGS: automatic control theory, mathematic determinant, integral equation, bounded function, parameter, control system stability, electronic feedback

ABSTRACT: A simplified test of stability of a system

$$\eta_s = \sum_{k=1}^n b_{sk} \eta_k + n_s t \quad (s = 1, 2, \dots, n-1),$$

$$t = f(s), \quad s = \sum_{k=1}^n j_k \eta_k - r t - N t$$

from an earlier work of A. M. Letov (Ustoichivost' nelineynykh reguliruyemykh sistem. Moscow, 1962) is presented. The test makes it possible to show the ranges of variation for the nonlinear function $f(r)$. The system is converted to the form

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L 26013-66

ACC NR: AT6013427

$$\gamma_0 = \sum_{k=1}^n \sigma_{sk} \eta_k + \gamma_0 \varphi(\sigma) \sigma \quad (s=1, 2, \dots, n),$$

$$\sigma = \sum_{k=1}^n i_k \eta_k - N \varphi(\sigma) \sigma.$$

Lyapunov's theorem gives the form

$$V = \sum_{j=1}^n \sum_{k=1}^n \sigma_{jk} \eta_j \eta_k \quad (\sigma_{jk} = \sigma_{kj}).$$

Absolute stability of the given system with tachometric feedback is obtained under certain conditions. From

$$\varphi(\sigma) > 0 \text{ and } \frac{1}{\sigma} f(\sigma) > 1 \quad (\sigma \neq 0)$$

and

$$(\alpha - 2N(1+N))\varphi(\sigma) < \alpha + 2(1+N),$$

the final condition of absolute stability of the system

$$1 < \frac{1}{\sigma} f(\sigma) < \frac{\alpha+2(1+N)}{\alpha-2(1+N)} \quad (\sigma \neq 0)$$

is obtained. Orig. art. has: 22 formulas.

SUB CODE: 12 / SUBM. DATE: 23Jun65 / ORIG. REF: 005

Card 2/2

KHODZHASH, A. V.
CA

A case of acute sodium poisoning. V. I. Pshariskii
and A. V. Khodzhash. Farmakol. i Toksikol. 7, No. 4,
49-61 (1944).—A girl, aged 10, employed in unloading
NaNH₄, was exposed when a drum burst. Ignited cloth-
ing was soon extinguished, but skin exposed to direct con-
tact suffered severe burns. The patient died the next
day. The autopsy showed acute fibrinous inflammation
of larynx, trachea, and bronchi, many local second-degree
burns on the skin, moderate edema, and some extravasa-
tion in the lungs. Histological exam. showed that the
acute inflammation of respiratory mucosa extended into
the lungs, with the appearance of acute NH₄ poisoning.

Julian F. Smith

11A

AFM 51-A RETROGRADE MEDICAL LITERATURE CLASSIFICATION

SEARCHED

SEARCHED MEDICAL

SEARCHED

SEARCHED MEDICAL

SEARCHED MEDICAL

MOROZOV, A.L., red.; KHODZHASH, A.Y., red.; SHKLOVSKAYA, S.S., red.; KUZ'MINA, N.S., tekhn. red.

[Physiological peculiarities, clinical aspects of the diseases, and problems in the industrial hygiene of employed adolescents] Fiziologicheskie osobennosti, klinika zabolеваний i voprosy gigieny truda rabochikh-podrostkov. Izd.2., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz. Vol.2. [Clinical peculiarities in the course of some diseases of adolescence] Klinicheskie osobennosti techeniya nekotorykh zabolеваний v podrostkovom vozraste. 1961. 191 p. (MIRA 14:8)
(CHILDREN—DISEASES)

MOROZOV, A.L., prof., red.; KHODZHASH, A.V., kand.med.nauk, red.; NOVIKOV,
Yu.V., red.; POGOSKINA, M.V., tekhn.red.

[Physiological characteristics, clinical aspects of diseases, and
problems in the industrial hygiene of employed adolescents] Fiziolo-
gicheskie osobennosti, klinika zabolеваний i voprosy gigieny truda
rabochikh-podrostkov. Ind.2., ispr. i dop. Moskva, Medgiz. Vol.1.
[Physiological characteristics, problems in the industrial hygiene
and occupational pathology of employed adolescents] Fiziologicheskie
osobennosti, voprosy gigieny truda i professional'noi patologii
rabochikh-podrostkov. 1961. 186 p. (MIRA 14:12)
(ADOLESCENCE) (CHILDREN--EMPLOYMENT)
(INDUSTRIAL HYGIENE)

MYASNIKOV, Yu.A.; ZHEMCHUZHIN, Ye.K.; KHODZHASH, S.I.

Focus of tick-borne encephalitis in deciduous forests of
Tula Province. Med. paraz. i paraz. bol. 32 no.38354-355
My-Jet'63 (MIRA 17:3)

1. Iz Tul'skoy i Suvorovskoy sanitarno-epidemiologicheskoy
stantsii.

KHODZHASHVILI, G.P. (Tuapse, ul.K.Marxa, d.14/2, kv.45)

Role of Mackel's diverticulum in the recurrence of pain following appendectomy. Vest.,khir. 91 no.9:105-106 S'63.

(MIRA 17:4)

1. Iz khirurgicheskogo otdeleniya (zav.-G.P. Khodzhashvili)
Bol'nitsy vodnikov g. Tuapse (glavnnyy vrach - A.M. Kuznetsov,
nauchnyy rukovoditel' - prof. B.Z. Gutnikov).

KHODZHASHVILI, G.P.

Case of perforating appendicitis in association with
interrupted tubal pregnancy. Khirurgiia 39 no.10:128-
129 0 '63. (MIRA 17:9)

1. Iz khirurgicheskogo otdeleniya (zav. G.P. Khodzhashvili)
Bol'nitsy vodnikov (glavnnyy vrach A.M. Kuznetsov), Tuapse.

KHODZHASHVILI, M.A.

Devices for the reinforcement of the foundations of the structures
for shore protection against washouts. Trudy GPI [Gruz.] no.7:
145-152 '63.
(MIRA 18:6)

BZHALAVA, Iosif Teymursovich; KHODZHAVA, Z., red.; GOGIAVA, G., red.
izd-va; DZHAPARIDZE, N., tselam.

[Perception and attitude] Vospriятие и установка. Tbilisi,
Izd-vo Akad.nauk Gruz.SSR, 1960. 208 p. (MIRA 13:7)
(Perception) (Attitude (Psychology))

KHODZHAVА, Z.I.

On the problem of D.N. Uznadze's theory of readiness ("ustanovka")
Vop.psikhол. 3 no.1:125-132 Ja-F '57.
(MLRA 10:3)

1. Institut psikhologii Akademii nauk Gruzinskoy SSR.
(Psychology)

KHODZHAVA, Z.I.

Discussion of the problem of the concept of ability. Trudy Inst.
paikhol. AN Gruz. SSR 11:401-412 '57. (MIRA 12:3)
(Ability)

PRANGISHVILI, A.S., red.; KHODZHAVAJA, Z.I., red.; ABASHIDZE, E.K., red.;
BOGORISHVILI, A.T., red.; DZHAPARIDZE, N.A., red.; NATADZE, R.G.,
red.; NORAKIDZE, V.G., red.; SONGULASHVILI, M.I., red.izd-va;
KHOKHIA SHVILI, V.M., red.izd-va; DZHAPARIDZE, N.A., tekhrad.

[Experimental studies on the psychology of attitude] Eksperimental'nye issledovaniia po psichologii ustanovki. Tbilisi,
1958. 598 p. (MIRA 12:11)

1. Akademiya nauk Gruzinskoy SSR. Tiflis. Institut psichologii.
(Attitude (Phychology))

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722120019-7

KHODZHAVА, Z. I.

Factor of shape in the functioning of attitude. Ekspl. issl. po
psichol. ust. l:153-189 '58.
(MIRA 13:12)
(Attitude (Psychology))

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722120019-7"

KHODZHAVAN, Z. I.

Concept of 'need' in foreign psychology. Trudy Inst. psichol. AN
Gruz. SSR 12:23-48 '69. (MIRA 13:11)
(Psychology)

KHODZHAVA, Z. I.; AVALISHVILI, A. N.

Essence of the so-called "new fact" in the psychology of attitude.
Trudy Inst. psichol. AN Gruz. SSR 12:179-196 '60. (MIRA 13:11)
(Attitude (Psychology))

KHODZHAVA, Z.I.

Action of reciprocally counterdirected sets. Eksp.issl.po
psikhol.ust. 2:135-180 '63.

Set in habit interference. Ibid.:181-193

(MIRA 16:12)

*

POOZHAVA, Z.I.

Action of the contrarily directed sets. Trudy Inst.psikhol. AN
Gruz.SSR 14:217-271. '63. (MIRA 18:4)

KHODZHAY, Ya.I.

ANGARSKAYA, N.A.; GENDENSHTEYN, E.I.; KOLESNIKOV, D.G.; SOKOLOVA, V.Ye.;
KHODZHAY, Ya.I.

Diagitorin and gitoxin, new Russian preparations from digitalis.
Med.prom. 12 no.2:58-59 F '58. (MIRA 11:3)

I., Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmaceuticheskiy
institut.
(DIGITALIS)

~~KHODZHAYAN, G.K., dots.~~

~~Assembling 600-cubic-meter spherical tanks. Stroi. prom. 36 no.3:
23-26 Mr '57.~~

~~(MIRA 11:3)~~

~~(Tanks)~~

KHODZHAYAN, G.K., dots.

New method of pouring on supporting rings in the assembly of
steel smokestacks. [Trudy] RISI no.17:103-106 '60. (MIRA 15:6)
(Building, Iron and steel) (Chimneys)

MINOSYAN, A.E.; KHODSHAYAN, R.H.

Results of simultaneous application of azotobacterir. and phosphobacterin. Vop.milk-obol. no.18265-270 '61.

(MJRA 1710)

KHODZHAYAN, Ye. A., BABAYAN, A. A., I OVANYESYAN, O. P.

30397

Pyeryedacha vyertitsilliomnogo vilta khlapchatnika syemyenami.
Sbornik trudov po zashchitye rastyeniy (arm. nauch.-isslyed. in-t
tyekhn. kul'tur), No 2. 1949, S. 42-54.--Bibliogr: 11 Hazv.

SO: Letopis' No. 34

KHODZHAYAN, E. A., BAOAYAN, A. A. I OVANYESYAN, O. P.

30407

Porazhayemostv kartofyelya vyetiiilliumom v uslobtyakh. Khlopkovoy
eony armyenii. (1949)

SO: Letopis' No. 34

KHODZHAYAN, Ye.A.

Evaluating the resistance of cotton varieties to wilt by the serological method. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 4 no.11:1049-1053 '51. (MIRA 9:8)

1. Armyanskij nauchno-issledovatel'skiy institut tekhnicheskikh kul'tur Ministerstva khlopkovodstva SSSR.
(COTTON--DISEASE AND PEST RESISTANCE)
(SERUM DIAGNOSIS)

~~KHODZHIAYAN, YE. A.~~

KHODZHAYAN, Ye. A.

"Certain Biological Problems Concerning the Causative Agent of Cotton Wilt and a Serological Method for Determining the Resistance of Varieties to the Disease." Cand Biol Sci, Acad Sci Armenian SSR, Department of Biological Sci, Yerevan, 1955. (KL, No 9, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14).

KHODZHAYAN, Ya.A.; BABAYAN, A.A.

Serological reaction in determining wilt resistance. Agrobiologija
no.6:97-100 N-D '56. (MLRA 10:1)

1. Nauchno-issledovatel'skiy institut zemledeliya Armyanskoy SSR,
g.Echmiadzin. (Cotton--Disease and pest resistance)
(Serum diagnosis)

KHODZHAYAN, Yo.A.; BABAYAN, A.A.

Specialization of the forms of *Fusarium oxysporum* Schl.,
pathogen of the gourd wilt. Izv. AN Arm. SSR. biol. nauki 16
no. 8-9-72 Ag'63 (MIRA 17:4)

1. Armyanskiy nauchno-issledovatel'skiy institut zemledeliya.

ISRAYELYAN, M.G.; PETRENKO, A.A.; TEYMURAZYAN, R.A.; KHODZHAYANTS, Yu.M.

Measuring oxide concentrations in liquid-metal heat carriers.
Izv. AN Arm. SSR. Ser. tekhn. nauk 16 no.6:3-10 '63.
(MIRA 17:1)

RHODZHAYA V. A.

25853 Rhodzhaya V. A. Mikroflory Zheludochnogo Soka U Bol'nykh Alimentarnoy Distrofii. Doklady Akad. Nauk Uz SSR No. 4, 1948, S. 35-39 - Rezyure Na Uzbek. Yazy.

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

16,3400

80237
S/166/60/000/02/05/013

AUTHOR: Khodzhayev, A.

TITLE: On the Solution of a System of Differential Equations With the Method of Picard

PERIODICAL: Izvestiya Akademii nauk Uzbekskoy SSR, Sariya fiziko-matematicheskikh nauk, 1960, No.2, pp 47-54

TEXT: The system of differential equations

$$(1) \quad y'_i = \sum_{l,k}^{1,n} P_{ikl}(x)y_k y_l + \sum_{k=1}^n P_{ik}(x)y_k + p_i(x)$$

is integrated with the initial conditions $y_i(0) = y_{i0}$. After reduction to a system of integral equations the integration is carried out with the aid of successive approximations according to the scheme

$$y_i^{(s)} = y_{i0} + \int \left[\sum_{k,l}^{1,n} P_{ikl}(x)y_k^{(s-1)}y_l^{(s-1)} + \sum_{k=1}^n P_{ik}(x)y_k^{(s-1)} + p_i(x) \right] dx.$$

The calculation of the coefficients of the single approximations is ordered tabularly. As an example the author considers a system of sixth order.

ASSOCIATION: Chardzhouskiy gospedinstut (Chardzhou State Pedagogical Institute)

SUBMITTED: February 16, 1959

Card 1/1

X

SAPOZHNIKOV, D.I.; EYDEL'MAN, Z.M.; TOLIKHNOV, D.; KHODZHAYEV, A.

Transformation of xanthophylls in partially reconstructed
systems. Bot.zhur. 47 no.11:1656-1659 N '62. (MIRA 16:1)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.
(Photosynthesis) (Xanthophylls)

KHODZHAYEV, A., mladshiy nauchnyy sotrudnik

Testing preparations against granary pests. Zashch.rast.ot
vred.i bol. 5 no.7:29 Jl '60. (MIRA 16:1)

1. Uzbekskiy nauchno-issledovatel'skiy institut zashchity
rasteniy.
(Grain—Diseases and pests) (Insecticides)

KHODZHAYEV, A.A.

Using a small seismic platform in investigating seismic
stability of installations. Izv. AN Uz. SSR. Ser. tekhn. nauk
9 no. 6:19-25 '65
(MIRA 19:1)

1. Tashkentskiy politekhnicheskiy institut. Submitted February 5,
1964.

KHODZHAYEV, Agsan Ashrapovich; DOLOTIN, V., red.; MEL'NIKOV, A., tekhnred.

[Food industry of Uzbekistan under the seven-year plan] Pishchevaya promyshlennost' Uzbekistana v semiletke. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 61 p. (MIRA 13:8)
(Uzbekistan--Food industry)

PORTNOY, N.D.; KONDRATOVICH, V.V.; RABKIN, D.M.; ZVONKOV, M.L.; BOVIN, A.I.;
GENRIKHSDOEF, N.G.; OLESHKOV, Yu.V.; SHASKIN, A.Ya.; KREMERMAN, P.L.;
KHOZHAYEV, A.I.; PISAREVSKIY, M.S.

Automatic welding of aluminum alloy products instead of manual arc
welding with a carbon electrode. Suggestion by N.D.Portnoi and others.
Prom.energ.11 no.4:21-22 Ap '56. (MIRA 9:7)
(Aluminum alloys--Welding)

L 04706-67 EWT(d)/EWT(e)/EWP(v)/EWP(t)/ETI/EWF(k)/EWP(l) IJF(c) JD/HM/RW/JT
 ACC NR: AP6019434 SOURCE CODE: UR/0135/66/000/006/0043/0045

AUTHOR: Kondratovich, V. M. (Engineer); Khodzhayev, A. I. (Engineer)

ORG: none

TITLE: Results of the 1965 All-Union Welding Contest of the Scientific-Engineering Society of the Machine Building Industry

SOURCE: Svarochnoye proizvodstvo, no. 6, 1966, 43-45

TOPIC TAGS: arc welding, welding technology, metallurgic conference, metal joining, electroslag welding, fatigue strength, metal forging, pipe, inert gas welding, metallurgic personnel

ABSTRACT: Thirty-three research projects from 127 participants from plants and organizations in Moscow, Leningrad, Baku, Kazan, Bryansk, Izhevsk, Kramatorsk and Podolsk were entered in last year's All-Union Welding Contest. Prizes were awarded, among which were Second prizes to F. S. Kulikov,

A. D. Pleskachev, A. S. Persidskiy, Yu. V. Vaskin, N. G. Frolov (Moscow) for "The Development of Technological Procedure and Equipment for automatic argon-shielded arc welding of cylindrical thin-wall bellows" and "The Development of Technological Procedure and Equipment for welding complex-shaped titanium-alloy pipes from preformed elements." The first project introduces a new method of welding 1Kh18N9Ti steel bellows with a wall thickness of 1.15 mm. The second entry introduced technology and equip-

Card 1/2

UDC: 621:014.25.004.6:06.063

L 04706-67

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120019-7
 ACC NR: AP6019434

ment for welding complex-shaped titanium-alloy pipes from preformed elements including a device which shields the reverse side of the joint.

A. I. Pymkevich, A. S. Gel'man (TsNIITMASH), V. M. Biryukov and A. V. Demichev (Leningrad Metal Works im. XXII Party Congress) were awarded prizes for their work "Electroslag welding of 0Kh12NOLS stainless steel to a low-alloy steel." The process is used for joining stainless steel blades to low-alloy steel wheels of hydraulic turbines.

Certificates of honor were awarded to Yu. A. Arekhtyuk, L. V. Lyashenko, N. M. Trofimov and V. A. Kornilov for the development of technology and equipment for pulsed-power argon-shielded arc welding of thin-wall elements, especially bellows. A special unit with transistorized power (TIS-1) ensures continuous control of the welding current and its stabilization under conditions of varying arc length and network voltage.

Certificates of honor were also awarded to V. M. Sagalevich and V. V. Zolotarev (MVTU im. N. E. Bauman) for a method of increasing the fatigue strength, reducing the weld deformation, and improving the reliability of spot-welded titanium-alloy components accomplished by forging spot welds. Orig. art. has: 7 figures. [ATD PRUSS: 5022-F]

SUB CODE: 13, 05 / SUBM DATE: none

Joining of Dissimilar Metals

Card 2/2 F1

KORTUNOV, A.K.; KORSHUNOV, Ye.S.; KUZNETSOV, P.L.; BARABASH, B.B.;
FROMTOV, A.I.; SHAKIROV, M.Z.; ALI-ZADE, M.A.; KHODZHAYEV,
A.K.; ALEKSANDROV, A.V., red.

[Gas industry in the U.S.A.] Gazovaia promyshlennost' SSSR.
Moskva, Nedra, 1964. 339 p. (MIRA 18:9)

KHODZHAYEV, A. Kh.

Khodzhayev, A. Kh. - "The excretory function of the stomach in alimentary dystrophy," Doklady Akad. nauk UzSSR, 1949, No. 1, p. 27-32 --- Summary in Uzbek --- Bibliog: 9 items

SO: U-3566, 15 March 53, (Istotpis 'Zhurnal 'nykh Statey, No. 14, 1949).

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